

# UP: PIVOT UNIVERSAL PUMP

The new SAMOA Pivot Universal Pump (UP) combines a Universal design with a unique frictionless Pivot Air Valve to provide maximum performance and energy efficiency, exceeding market expectations.

## ADVANTAGES OF AODD PUMPS

- Dry-running capability.
- Dry self-priming.
- Can pump clean fluids or fluids with suspended solids.
- Best pump for abrasive, corrosive and shear sensitive fluids.
- Air driven pump, no electricity required, no electrical hazard.
- Can be submerged completely with no performance or safety issues.
- On-demand operation. Pump stops when fluid outlet closes and automatically starts when the fluid outlet opens.
- Adjustable flow and discharge pressure with only an air pressure regulator.
- No dynamic mechanical seals or packings.



## ADDITIONALLY, UP SERIES PUMPS OFFER:

- HIGHER EFFICIENCY:** Maximum fluid flow with reduced air consumption, versus competitive pumps.
- INCREASED RELIABILITY:** No stall, no icing, and reliable start-up even with the lowest air pressure.
- MINIMAL VIBRATION AND PULSATION:** Thanks to the fast action Frictionless Pivot air valve.
- BOLTED CONSTRUCTION:** Provides better seal and eliminates pump leaks. Same size bolts in covers and manifolds for easier maintenance.
- EASIER SERVICING:** Components designed for a simpler and easier maintenance, with reduced number of parts.
- UNIVERSAL PUMP:** Matches relative dimension of main competitive brands. Direct replacement for existing installed pumps.
- SUPERB ABRASION RESISTANCE:** Optimized design manifolds and fluid paths reduce fluid speed and minimize wear caused by abrasion.